PTO/SB/21 (04-07) Approved for use through 09/30/2007, OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE aperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 09/652,533 (U.S. Patent No. 7,094,690 B1) TRANSMITTAL Filing Date August 31, 2000 (issued on August 22, 2006) First Named Inventor **FORM** Gurtej S. Sandhu et al. Art Unit 2823 **Examiner Name** W. Coleman (to be used for all correspondence after initial filing) Attorney Docket Number MI22-1385 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition (Appeal Notice, Brief, Reply Brief) Amendment/Reply Petition to Convert to a Proprietary Information After Final Provisional Application Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify Terminal Disclaimer **Extension of Time Request** below): PTO Return Receipt Postcard Request for Refund Express Abandonment Request Reg. for Cert. of Correction - PTO Mistakes Certificate of Correction in duplicate CD, Number of CD(s) Information Disclosure Statement Copies of initialed Forms PTO-1449 Landscape Table on CD Certified Copy of Priority Remarks Document(s) Customer No. 021567 Reply to Missing Parts/ Although there is no fee believed due, the Commissioner is hereby authorized to charge any Incomplete Application Reply to Missing Parts fees under 37 C.F.R 1.16 and 1.17 which may be required by this paper to Deposit Account No. under 37 CFR 1.52 or 1.53 23-0925. OF COFFECTION SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Wells St. John P.S Signature Printed name James E. Lake Date Reg. No. 44.854 200_ **CERTIFICATE OF TRANSMISSION/MAILING** I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Racquel M. Esplin

Typed or printed name

Date

APR 3 0 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

FOR PTO MISTAKE (37 C.F.R. 1.322(a))

To:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

ATTN:

Decision and Certificate of Correction
Branch of the Patent Issue Division

From:

James E. Lake (Tel. 509-624-4276; Fax 509-838-3424)

Wells St. John P.S.

601 W. First Avenue, Suite 1300

Spokane, WA 99201-3828

Sir:

It is hereby requested that a Certificate of Correction be issued with respect to Patent No. 7,094,690 B1, granted August 22, 2006, in accordance with the Certificate of Correction form attached hereto in duplicate.

The errors listed on the Certificate of Correction form were apparently incurred through the fault of the PTO as will be disclosed by the records of files in the Office, in particular, Applicant's Information Disclosure Statement filed December 15, 2000 and Supplemental Information Disclosure Statements filed July 1, 2004, December 7, 2004, March 23, 2005, and October 21, 2005 (initialed copies of Forms PTO-1449 attached).

Since this Certificate of Correction is being requested due to PTO errors, it is believed that no fee is due. However, in the event that a fee is required for issuance of this Certificate of Correction, please charge the fee specified under 37 C.F.R. § 1.20(a) to Deposit Account No. 23-0925. Please credit Deposit Account No. 23-0925 with any overpayment of the above fee.

Attached hereto, in duplicate is Form PTO-1050, with at least one copy being suitable for printing.

Respectfully submitted,

Dated: 21 Apr 2007

By:

Reg. No. 44,854

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page <u>1</u> of <u>3</u>

PATENT NO. : 7,094,690 B1

APPLICATION NO.: 09/652,533

DATED

: August 22, 2006

INVENTOR(S) : Gurtej S. Sandhu et al.

It is certified that an error or errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

; 1.

Title Page, References Cited, U.S. PATENT DOCUMENTS, please insert:

- --4,058,430 11/1977 Suntola et al.--
- --5,124,278 06/1992 Bohling et al.--
- --5,270,247 12/1993 Sakuma et al.--
- --5,290,824 09/2001 Mandal--

Title Page, References Cited, FOREIGN PATENT DOCUMENTS, please insert:

- --EP 0 794 568 10/1997--
- --Kiyoko et al., Patent Abstract Application No. 04-024917 (JP 9224917, 09/1993),
- "Semiconductor Substrate and Its Manufacture."--

Page 2, U.S. PATENT DOCUMENTS, please insert:

- --5,937,300 08/1999 Sekine et al.--
- --6,060,383 05/2000 Nogami et al.--
- --6,165,916 12/2000 Muraoka et al.--
- --6,258,690 07/2001 Zenke--
- --6,620,723 09/2003 Byun et al.--
- --6,627,260 09/2003 Derderian et al.--
- --6,627,503 09/2003 Ma et al.--

Page 1 of 3

Mailing Address of Sender:

James E. Lake Wells St. John P.S. 601 West First Avenue, Suite 1300 Spokane, WA 99201-3828

Patent No. US 7,094,690 B1

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page <u>2</u> of <u>3</u>

PATENT NO. : 7,094,690 B1

APPLICATION NO.: 09/652,533

DATED

: August 22, 2006

INVENTOR(S)

: Gurtej S. Sandhu et al.

It is certified that an error or errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Page 2, U.S. PATENT DOCUMENTS, please insert:

- --6,727,169 04/2004 Raaijmakers et al.--
- --2002/0066411 06/2002 Chiang et al.--
- --2005/0101119 A1 05/2005 Li et al.--
- --2005/0124153 A1 06/2005 Cohen--
- --2005/0124158 A1 06/2005 Lopatin et al.--
- --2005/0124171 A1 06/2005 Vaartstra--

Page 2, OTHER PUBLICATIONS, please insert:

- --Vernon, S.M., "Low-cost, high-efficiency solar cells utilizing GaAs-on-Si technology", Dialog Abstract of Report No. NREL/TP-451-5353, 04/1993.--
- --Suntola, "Atomic Layer Epitaxy", Handbook of Crystal Growth, Vol. 3, Chapter 14, pages 602-663, 1994.--
- --Ritala, et al., "Atomic Layer Epitaxy A Valuable Tool for Nanotechnolgy?" Nanotechnology, Vol. 10, No. 1, pages 19-24, March 1999.--
- --George, et al., "Surface Chemistry for Atomic Layer Growth", Journal of Physical Chemistry, Vol. 100, No. 31, pages 13121-13131, August 1, 1996.—

Page 2 of 3

Mailing Address of Sender:

James E. Lake Wells St. John P.S. 601 West First Avenue, Suite 1300 Spokane, WA 99201-3828

Patent No. US 7,094,690 B1

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page <u>3</u> of <u>3</u>

PATENT NO. : 7,094,690 B1

APPLICATION NO.: 09/652,533

DATED

: August 22, 2006

INVENTOR(S)

: Gurtej S. Sandhu et al.

It is certified that an error or errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12, claim 17, line 13

Replace "contacting with the surface activation agent and precursor" With --contacting with the surface activation agent and first precursor--

> Page 3 of 3

Mailing Address of Sender:

James E. Lake Wells St. John P.S. 601 West First Avenue, Suite 1300 Spokane, WA 99201-3828

Patent No. <u>US 7,094,690 B1</u>

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